

PROJECT		GEOGRAPHIC COORDINATES FROM LAMBERT GRID COORDINATES. (CALCULATING MACHINE COMPUTATION) For use of this form see, FM 3-34.331; the proponent agency is TRADOC.		
LOCATION				
ORGANIZATION		ZONE	1	
STATION				
C	-	R_b		
X		Y	-	
$\chi' = X - C$		$R_b - Y$		
$\tan \theta = \chi' \div (R_b - Y)$		θ	"	
θ	° ' "	$\Delta\lambda = \theta \div 1$	"	
$\cos \theta$		$\Delta\lambda$	° ' "	"
$R = (R_b - Y) \div \cos \theta$		Central Meridian	° ' "	"
ϕ	° ' "	$\lambda = C.M. - \Delta\lambda$	° ' "	"
STATION				
C	-	R_b		
X		Y	-	
$\chi' = X - C$		$R_b - Y$		
$\tan \theta = \chi' \div (R_b - Y)$		θ	"	
θ	° ' "	$\Delta\lambda = \theta \div 1$	"	
$\cos \theta$		$\Delta\lambda$	° ' "	"
$R = (R_b - Y) \div \cos \theta$		Central Meridian	° ' "	"
ϕ	° ' "	$\lambda = C.M. - \Delta\lambda$	° ' "	"
STATION				
C	-	R_b		
X		Y	-	
$\chi' = X - C$		$R_b - Y$		
$\tan \theta = \chi' \div (R_b - Y)$		θ	"	
θ	° ' "	$\Delta\lambda = \theta \div 1$	"	
$\cos \theta$		$\Delta\lambda$	° ' "	"
$R = (R_b - Y) \div \cos \theta$		Central Meridian	° ' "	"
ϕ	° ' "	$\lambda = C.M. - \Delta\lambda$	° ' "	"
STATION				
C	-	R_b		
X		Y	-	
$\chi' = X - C$		$R_b - Y$		
$\tan \theta = \chi' \div (R_b - Y)$		θ	"	
θ	° ' "	$\Delta\lambda = \theta \div 1$	"	
$\cos \theta$		$\Delta\lambda$	° ' "	"
$R = (R_b - Y) \div \cos \theta$		Central Meridian	° ' "	"
ϕ	° ' "	$\lambda = C.M. - \Delta\lambda$	° ' "	"
COMPUTED BY		DATE (YYYYMMDD)	CHECKED BY	
			DATE (YYYYMMDD)	